

Supplementary table (S1). Potencies of selective GPR120 agonists at either GPR120 (FFA4) or GPR40 (FFA1). Compounds were analysed using either fluorescent imaging plate reader (FLIPR) or label-free dynamic mass redistribution (DMR) technologies and the respective EC<sub>50</sub> values (μmol/l) calculated.

<b>Compound</b>	<b>EC<sub>50</sub> at GPR120</b>		<b>EC<sub>50</sub> at GPR40</b>
	<i>DMR</i>	<i>FLIPR</i>	<i>FLIPR</i>
Metabolex 36	0.99μmol/l	1.17μmol/l	>100μmol/l
AZ670	0.41μmol/l	1.09μmol/l	>30μmol/l
AZ423	0.51μmol/l	1.60μmol/l	>100μmol/l